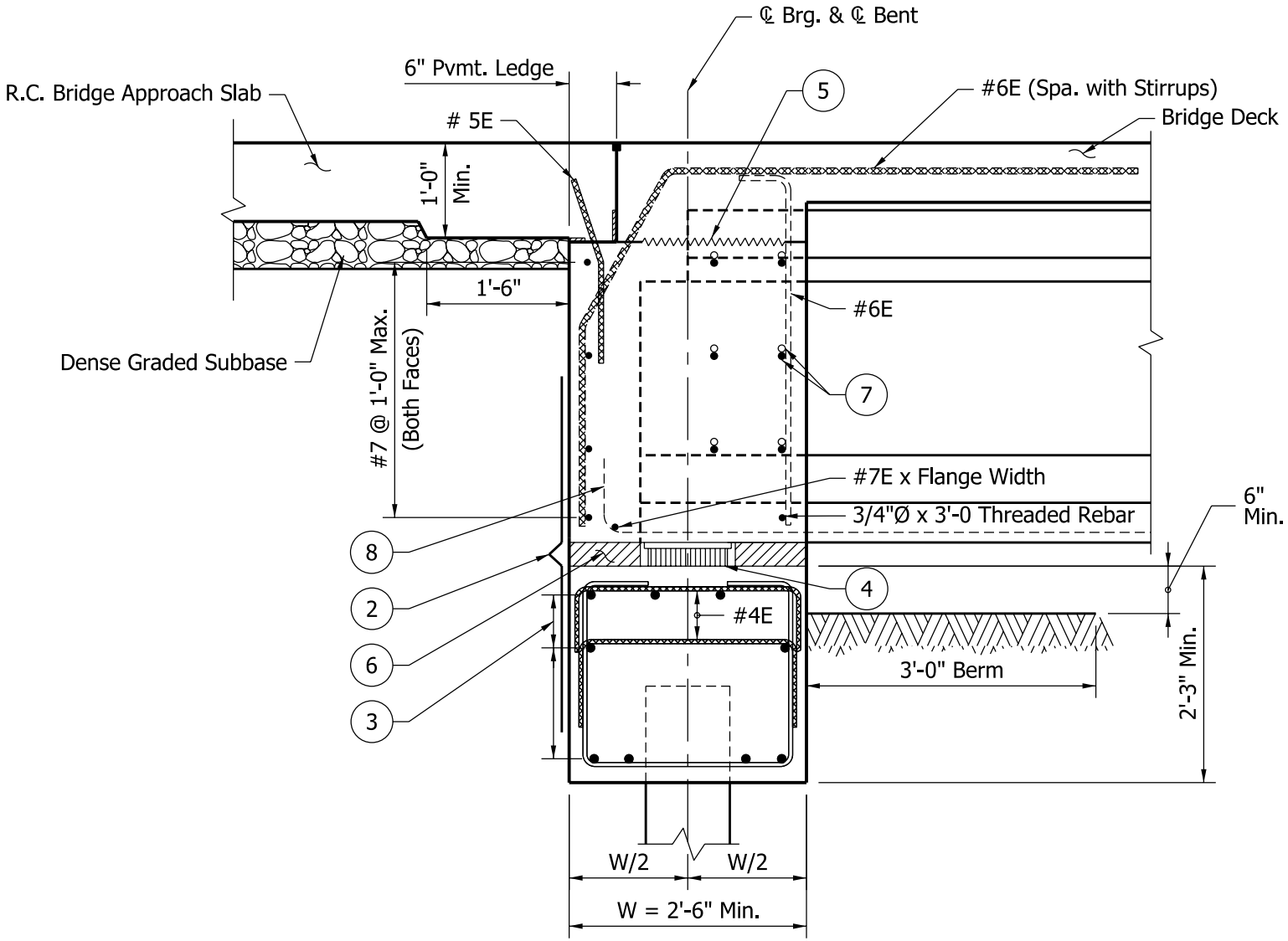
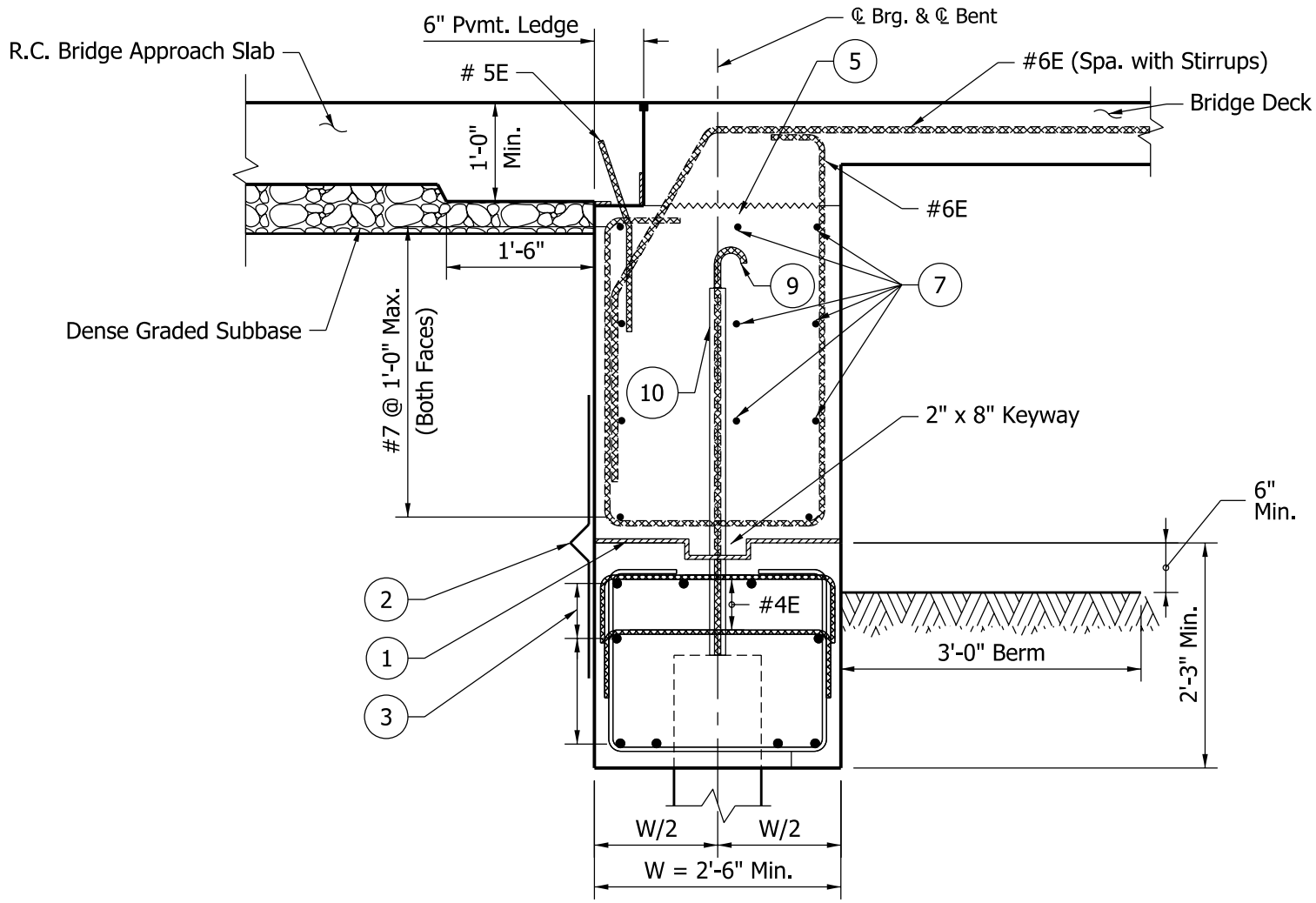


SECTION AT BEAM

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 2)

Figure 67-1 C (2)
(Page 1 of 3)



SECTION BETWEEN BEAMS

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 2)

Figure 67-1 C (2)
(Page 2 of 3)

1. ½" expanded polystyrene (horizontal face),
   1" expanded polystyrene (vertical face).
2. Polychloroprene joint membrane attached to concrete, see Figure 67-1C(3).
3. Main cap reinf. Reinforce for dead and live loads.
   Stirrups size determined by designer, spa. @ 1'-0" min.
4. Elastomeric bearing pad.
5. Optional construction joint type A.
6. Expanded polystyrene cut to clear bearing pad by ½".
7. #6E x 6'-0" through 1" Ø holes cast in beams, lapped with #7E between beams.
8. Prestressed strand extension.
9. #6 reinforcing bar set in 1'-0" depth field-drilled hole filled with epoxy grout, min. pullout 26,500 Lb.
10. PVC sleeve, size determined by designer.
    Top of sleeve to be sealed before concrete is poured.

Used only if uplift is expected, or if bridge is in Seismic Zone 2.

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 2)

Figure 67-1 C (2)
(Page 3 of 3)